-	-	652.39	2001.28	1305615.00	652.39	1305615.00	
-	-	1328.69	36.04	47886.00	1328.69	47886.00	
-	-	66.43	6823.44	453281.00	66.43	453281.00	
-	-	2351.07	24.84	58401.00	2351.07	58401.00	
-	-	94.04	8869.02	834043.00	94.04	834043.00	
-	-	1385.20	60.42	83694.00	1385.20	83694.00	
				8363201.04		**8363201.04**	
				1003584.12		1003584.12	
				250896.00		250896.00	
				83632.00		83632.00	
				9701313.00		**9701313.00**	

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Refer... ...ontractor ... ...tioned ...

14	KSRRB M400-17 Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and directions of engineer in charge of the work	
15	KSRRB 500-4 providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications and directions of engineer in charge of the work	
16	KSRRB 500-11 Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to site and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the specified density 50 / 75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat which shall be paid for separately including cost of all materials, labour, HOM of machineries complete as per specifications and directions of engineer in charge of the work	
..	KSRRB 500-9 providing and applying tack coat on granular base such as WBM and WMM surfaces not to be primed at 10 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications and directions of engineer in charge of the work	
..	KSRRB M500-19 providing and laying **bituminous concrete** 40mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading and bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 compacting in all respects as per specifications MORTH specification 30-45mm complete as per specifications and directions of engineer in charge of the work	
..	KSRRB M100.2 Loading and Unloading of stone boulders by manual means complete as per specifications and directions of engineer in charge of the work	
		Grand Total
		12% Agt. Sec. Gr.
		For 3% KRIDL Cess
		Add 1 % Labour Cess

CERTIFICATE

1 Certified that the above work done satisfactory and no materials issued from departmentally

Original/Duplicate/Triplicate

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	1385.20	137.80	190881.00	1385.20	190881.00	
-	-	350.13	3606.12	1262611.00	350.13	1262611.00	
-	-	14.88	4871.76	72492.00	14.88	72492.00	
-	-	11.16	5305.30	59207.00	11.16	59207.00	
-	-	958.12	309.52	296557.00	958.12	296557.00	
-	-	39.98	5627.54	224989.00	39.98	224989.00	
-	-	24.80	223.66	5547.00	24.80	5547.00	
-	-	132.17	5998.54	792827.00	132.17	792827.00	
-	-	8.59	75223.96	646174.00	8.59	646174.00	
-	-	348.03	2100.00	730863.00	348.03	730863.00	
-	-	193.65	5770.64	1117484.00	193.65	1117484.00	
-	-	325.00	126.14	40996.00	325.00	40996.00	
-	-	1936.46	72.08	139580.00	1936.46	139580.00	

Sl. No.	Descriptions	Previous Qty
1	KSRRB 300-1: Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications and directions of engineer in charge of the work	
2	KSRRB M600-3: Construction of Rolled Cement Concrete mix 1:4:8 OPC cement @180kgs, with 25mm and down size graded granite metal coarse aggregate at 0.85cum and fine aggregates @0.57cum base course with coarse and fine aggregate conforming to IS:383, aggregate cement ratio 12:1 and minimum cement content of 180kg/ cum, aggregate gradation to be as per Table 600-4 after blending, mixing in batching plant at optimum moisture content, transporting to site, laying with a paver with electronic sensor, compacting with 8-10 tonnes smooth wheeled vibratory roller to achieve, the designed flexural strength, finishing and curing complete as per specifications and directions of engineer in charge of the work	Cu
3	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and directions of engineer in charge of the work	cu
4	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chisle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and directions of engineer in charge of the work	Cu
5	KSRB 4-8.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications and directions of engineer in charge of the work	Sq
6	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of engineer in charge of the work	cu
7	KSRB 15.1.3: Providing FLush pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications and directions of engineer in charge of the work	Sq
8	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications and directions of engineer in charge of the work	Cu
9	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications and directions of engineer in charge of the work	Ton
10	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial complete as per specifications and directions of engineer in charge of the work	Sq
11	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 for raft foundation, column footing, main and secondary beams. complete as per specifications and directions of engineer in charge of the work	Cu
12	KSRRB M2600-3: (ii) Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications and directions of engineer in charge of the work	M
13	Vaccum De- writing with vaccum pump and suction mat and compaction with skin flater clubbed with floatiog disc including cost of generator, HOM of machinery Sereed Vibratory Power Floaterblade and diisc etc. with all lead and lift complete as per specifications and directions of engineer in charge of the work	Sq

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

Date...../...../2019

No. *First & Final*

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Byatarayanapura**

Bill Received No. Dated Divisional / Sub Divisional

Cash Book Voucher No..... Dated.....

Work Code: **005-20-000006**

Schedule Docket No. Head of Account:

Est.Cost: **99.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate): **Improvements to Roads and Drain at Srinivaspura Village in ward No. 05**

Name of Contractor and Full Address : *M/s Executive Engineer, KRIDL, Bangalore,*

Reference to Agreement No. **BBMP/EE/BTP/WO/129/2019-20** Date: **08.11.2019**

Certified that the measurements were taken by me on 22/11/2019 and recorded of Pages 500501 to 500511 of measurement Book No 5006 / 2019-20 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 22/1/2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of
   b) Payments Now made } cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total amount adjusted -

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands) (For use in the Office)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Stamp

Assistant Executive Engineer, R.R. Nagar, Sub-division, KRIDL, BBMP, Bangalore

Initials of Officer making payment

Executive Engineer